PTO/SB/05 (01-04) Approved for use through 07/31/2006, OMB 0651-0032

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UTILITY PATENT APPLICATION TRANSMITTAL

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(Only for new nonprovisional applications under 37 CFR 1.53(b))

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See MPEP chi	APPLICATIO	ON ELEMENTS ng utility patent application contents.	ADDRES	S TO:	Commissioner P.O. Box 1450 Alexandria VA		O
Submit a Applicar See 37 Specific (preferred - Descrip - Cross F - Statem - Referer or a coo - Backgr - Brief S - Brief D - Detaile - Claim(s	an original and a dual claims small e CFR 1.27. action of arrangement set tive title of the inve- Reference to Relate ent Regarding Fed ince to sequence lis is pund of the Inventi ummary of the Inventi ummary of the Di d Description s)	[Total Pages 41] forth below) sition ad Applications sponsored R & D string, a table, ting appendix on sition arawings (if filed)	8. Nucleo (if applia. b.	omputer otide and icable, all computer specific	or CD-R in duplicate Program (Appendix, Vor Amino Acid Sequil necessary) puter Readable Fore cification Sequence CD-ROM or CD-R Paper ements verifying ide PANYING APPL	uence Submin (CRF) Listing on: (2 copies); of above sitting of above sitti	ission 700 pt
- Abstract of the Disclosure 4. Drawing(s) (35 U.S.C. 113) [Total Sheets24] 5. Oath or Declaration					wer of tomey ble) ples of IDS tations		
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of prior application No.: Prior application information: Examiner Art Unit: For CONTINUATION OR DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, bs. considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.							
		19. CORRESPO	ADENCE AI	7			
Custon	ner Number:				OR Correspo	ondence add	ress below
Name	Stephen J. Mad	ligan					
Address	232 Zachary W	alk					
City	Murphy State Texas Zip Code 75094					75094	
Country	USA		1 GAGS			972-424-2280	
Name (Print/Tu	/pe) Stephen J	Madigan	Registrati	ion No. (/	Attorney/Agent)		
Signature	L	1 malling				Date 4	15.04
This sellection of	Clark China In Inch	what he 20/CED 1 53/h) The information	is required to	obtain or	retain a benefit by the	e public which	is to file (and by the

This collection of information is/required by 3/CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to the (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, use the user of the USPTO. Time will vary depending upon the individual case. Any comments including gathering, preparing, and submitting the complete this form and/or suggestions for reducing this burden, should be sent to the Chief information Officer, U.S. Patent on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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		(for	FY	20	04		

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

Name (Print/Type)

Signature

Stephen J. Madigan

	005	^^
(\$)	385.	υu

Complete if Known				
Application Number				
Filing Date	April 16,2004			
First Named Inventor	Stephen J. Madigan			
Examiner Name				
Art Unit				
Attorney Docket No.	Madigan - Hess			

METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)				
Check Credit card Money Other None	3. ADDITIONAL FEES					
Deposit Account:			Small			
Deposit	Fee Code	Fee (\$)		Fee (\$)	Fee Description	Fee Paid
Account Number	1051	130	2051	• • •	Surcharge - late filing fee or oath	
Deposit	1052	50	2052		Surcharge - late provisional filing fee or	
Account Name	1052	130	1053		cover sheet Non-English specification	
The Director is authorized to: (check all that apply)	1053 1812		1812 2		For filing a request for ex parte reexamination	
Charge fee(s) indicated below Credit any overpayments	1804	920*	1804		Requesting publication of SIR prior to	
Charge any additional fee(s) or any underpayment of fee(s)	1.00	020	1001		Examiner action	
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
FEE CALCULATION	1251	110	2251	55	Extension for reply within first month	
1. BASIC FILING FEE	1252	420	2252	210	Extension for reply within second month	
Large Entity Small Entity	1253	950	2253	475	Extension for reply within third month	
Fee Fee Fee Fee Fee Description Fee Paid Code (\$) Code (\$)	1254	1,480	2254	740	Extension for reply within fourth month	
4004 770 2004 205 Hilliby Sling foo	1255	2,010	2255	1,005	Extension for reply within fifth month	
1002 340 2002 170 Design filing fee 385.00	1401	330	2401	165	Notice of Appeal	
1003 530 2003 265 Plant filing fee	1402	330	2402	165	Filing a brief in support of an appeal	
1004 770 2004 385 Reissue filing fee	1403	290	2403	145	Request for oral hearing	
1005 160 2005 80 Provisional filing fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding	
SUBTOTAL (1) (\$) 385.00	1452	110	2452	55	Petition to revive - unavoidable	
, <u>, , , , , , , , , , , , , , , , , , </u>		1,330	2453	665	Petition to revive - unintentional	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501	1,330	2501	665	Utility issue fee (or reissue)	
Extra Claims below Fee Paid Total Claims 20 200 = 0 x 0 = 0	1502	480	2502	240	Design issue fee	
Independent	1503	640	2503	320	Plant issue fee	
Claims 3 -3" U ^ U _ TU	1460	130	1460	130	Petitions to the Commissioner	
	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
Large Entity Small Entity Fee Fee Fee Fee Fee Description	1806	180	1806	180	Submission of Information Disclosure Stmt	
Code (\$) Code (\$)	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3	1809	770	2809	385	Filing a submission after final rejection	
1201 86 2201 43 Independent dalms in excess of 3 1203 290 2203 145 Multiple dependent daim, if not paid	1810	770	2810	385	(37 CFR 1.129(a)) For each additional invention to be	
1204 86 2204 43 ** Reissue Independent claims					examined (37 CFR 1.129(b))	
over original patent	1801 1802		2801 1802	385 900	Request for Continued Examination (RCE) Request for expedited examination	
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1002	900	1 1002	900	of a design application	
SUBTOTAL (2) (\$) 0		fee (sp				<u> </u>
**or number previously paid, if greater; For Reissues, see above *Reduced by Basi				Filing F	ee Paid SUBTOTAL (3) (\$)	
		-	-	-	(Complete (f engiceble))	

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Registration No.

(Attorney/Agent)

Telephone 972-424-2250

-C Y

Date